



HRS COVER SHEET

FACILITY NAME: A1	gen Press
EPA I.D. #: NY	D 001367375
ORIGINAL PRIORITY:	Low
REVIEWED BY:	Carol DiGuardia
REASSESSED PRIORITY:	NFRAP
REVIEWED BY:	Carol DiGuardia
COMMENTS:	***************************************

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P	A Di Guardia DATE: 9/23/88
PREPARER:	1 Magracia DATE: 9/23/88

HRS	rs	- ,52
Groundwater Route Score (Sgw)	0.16	0.03
Surface Water Route Score (S _{SW})	0.17	0.03
Air Route Score (Sa)	0	0
$s_{gw}^2 + s_{sw}^2 + s_a^2$		0.06
$\sqrt{s_{gw}^2 + s_{sw}^2 + s_a^2}$		0.24
$\sqrt{s_{gw}^2 + s_{sw}^2 + s_a^2} / 1.73 = s_M =$		0.14

WORKSHEET FOR COMPUTING SM

PRO	s	s²	
Groundwater Route Score (Sgw)	29.23	854,39	
Surface Water Route Score (S _{SW})	7.05	49.70	
Air Route Score (Sa)	0	0	
$s_{gw}^2 + s_{sw}^2 + s_a^2$		904.09	
$\sqrt{s_{gw}^2 + s_{sw}^2 + s_a^2}$		30.67	
$\sqrt{s_{gw}^2 + s_{sw}^2 + s_a^2} / 1.73 - s_M -$		17.38	

WORKSHEET FOR COMPUTING SM

CONFIDENTIAL: NOT FOR RELEASE

Algen Press

		Ground Water Route Work Sh	eet					
	Rating Factor	Assigned Value (Circle One)	Multi- plier	HRS	Max. Score	PRO		
1	Observed Release	<u></u> 45	1	٥	45	0		
If observed release is given a score of 45, proceed to line 4. If observed release is given a score of 0, proceed to line 2.								
2	Route Characteristics Depth to Aquifer of	① 1 2 A	2	0	6	6		
	Concern Net Precipitation Permeability of the	0 1 2 3	1	3 2	3 3	3 2		
	Unsaturated Zone Physical State	① 1 2 <u>/</u> 3	1	0	3	3		
		Total Route Characteristics Score	•	5	15	14		
3	Containment	0 1 2 1	1	1	3	3		
4	Waste Characteristics Toxicity/Persistence Hazardous Waste Quantity	0 3 6 9 12 15 AB 0 1 2 3 4 5 6 7	8 1	60	18	18 3		
		Total Waste Characteristics Scor	•	6	26	21		
3	Targets Ground Water Use Distance to Nearest Weil/Population Served	0 1 2 3 0 4 6 8 10 12 6 18 20 24 30 32 35 40	3	3	9 40	3		
		Total Targets Score		3	49	19		
6		uply 1 x 4 x 5 ply 2 x 3 x 4 x 5		90	57.330	17.75		
7	Divide line 6 by 57.	330 and multiply by 100	Sgw	0.1	6	29.2		

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Algen Press Surface Water Route Work Sheet Assigned Value Multi-Max. Rating Factor HRS **PRO** (Circle One) plier Score 1 Observed Release 0 45 45 0 0 If observed release is given a value of 45, proceed to line 4. If observed release is given a value of 0, proceed to line 2 2 Route Characteristics Facility Slope and Intervening **1** 2 3 Terrain 1-yr. 24-hr. Rainfall Distance to Nearest Surface Water O 1 2 3 Physical State 0 3 3 Total Route Characteristics Score 15 9 6 3 Containment 0 1 2 3 1 3 3 4 Waste Characteristics Toxicity/Persistence 0 3 6 9 12 15 18 18 6 18 0 1 2 3 4 5 6 7 8 Hazardous Waste 3 Quantity Total Waste Characteristics Score 26 6 21 5 Targets Surface Water Use 6 Distance to a Sensitive 2 Environment Population Served/Distance 0 to Water Intake Downstream **Total Targets Score** 6 If line 1 is 45, multiply 1 x 4 x 5 4536 is 0, multiply $[2 \times 3 \times 4 \times 5]$ 108 If line 1 64,350 Divide line 6 by 64,350 and multiply by 100 Ssw - 0.17 7.05

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Algon Press Air Route Work Sheet PRO HRS Multi-Assigned Value Max. Ref. Rating Factor Score (Circle One) plier Score (Section) 1 Observed Release 0 0 45 1 45 5.1 Date and Location: Sampling Protocol: If line 1 is 0, the Sa = 0. Enter on line 5 Withne 1 is 45, then proceed to line 2 2 Waste Characteristics 5.2 Reactivity and 0 1 2 3 Incompatibility Toxicity 0 1 2 3 Hazardous Waste 0 1 2 3 4 5 6 Quantity **Total Waste Characteristics Score** 20 3 Targets 5.3 Population Within 0 9 12 15 18 30 4-Mile Radius 21 24 27 30 Distance to Sensitive 1 2.3 Environment Land Use 0 1 2 3 **Total Targets Score** 39 Multiply 1 x 2 x 3 35,100 5 Divide line 4 by 35,100 and multiply by 100 S. - 0

FIGURE 9
AIR ROUTE WORK SHEET

